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DERWENT-ACC-NO:

1984-284696

DERWENT-WEEK:

198446

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TITLE:

Water-resistant intermediate paper for copying

includes resin layer(s) comprising alkalised
ethylene!-acrylic! acid copolymer and/or metal-

ionised

ethylene!-acrylic! acid copolymer

PATENT-ASSIGNEE: RICOH KK[RICO]

PRIORITY-DATA: 1983JP-0049967 (March 25, 1983)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE

PAGES MAIN-IPC

JP 59174850 A October 3, 1984 N/A

004 N/A

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO

APPL-DATE

JP 59174850A N/A 1983JP-0049967

March 25, 1983

INT-CL (IPC): D21H001/38, D21H005/00, G03G007/00

ABSTRACTED-PUB-NO: JP 59174850A

BASIC-ABSTRACT:

Paper comprises (A) base material treated with opacifying agent and
(B) resin

layer formed on one or both sides of (A). (B) comprises (b1) alkalised cpd. of

ethylene-acrylic acid copolymer and/or (b2) metal-ionised ethyleneacrylic acid

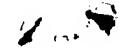
copolymer. Pref. coating build-up of (b1) or (b2) is 0.2-0.7 g/sq.m. on

one-side and 0.2-1.4 g/sq.m. on both-sides.

USE/ADVANTAGE - (b1) improves water resistance, oil resistance,
blocking

resistance, adhesiveness to various (A) and transparency. (b2) has

9/21/06, EAST Version: 2.1.0.14



high

transparency, abrasion resistance, bending resistance, solvent resistance,

water resistance, <u>blocking</u> resistance, etc. The <u>paper</u> has good water resistance, dimensional stability, solvent resistance, etc. The <u>paper</u> is

suitable for copying with plain paper, etc.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: WATER RESISTANCE INTERMEDIATE PAPER COPY RESIN LAYER

COMPRISE

ALKALISED POLYETHYLENE POLYACRYLIC ACID COPOLYMER METAL

IONISE

POLYETHYLENE POLYACRYLIC ACID COPOLYMER

DERWENT-CLASS: A17 A89 G08 P84

CPI-CODES: A04-F04; A04-G08; A10-E21; A10-E22; A12-B03A; A12-L05D;

G02-A05C;

G06-A; G06-G08;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 3173 0231 0241 0411 2001 3249 3251 2656 3253 2725 2808
Multipunch Codes: 014 034 04- 041 046 047 074 075 076 231 24- 27& 323
442 477

51& 53& 532 533 534 535 55& 582 597 600 658 659 725

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-120911 Non-CPI Secondary Accession Numbers: N1984-212378